

ACC NR: AP7003025

receiver sensitivity thus achieved was $2-3 \mu\text{v}$ at a signal-to-noise ratio of two. The display and recording equipment was triggered by the received pulses and was protected from spurious noise by 1) utilization of the coincidence of two consecutive marker pulses for correlating purposes, 2) pre-selection by repetition frequency discrimination, and 3) spurious signal suppression using a special detuned noise receiver. The displayed frames were filmed. Each frame contained information on the distance from the point of reflection of the transmitted pulse, the meteor echo diffraction pattern, the Doppler shift pattern, the date and time, and the antenna direction.

The horizontal component of the unit velocity of meteor trail movement was obtained from direct readings of the radial trail velocity components as recorded by the Doppler shifts. The direction of meteor trail movements was determined from the Doppler shift phase difference obtained at the outputs of two phase detectors in which the reference signals were approximately in quadrature.

The drift velocity readings had considerable fluctuations and, for this reason, were averaged on an hourly basis. The averages were used to study diurnal wind pattern changes. In order to secure meaningful averages using the equipment at hand (based on at least 50 measurements/hr),

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measurements were made alternately, first in the NS and then in the EW directions. The results obtained at the same time of day but for different days were combined. Thus, about 7000—9000 individual readings were recorded during one 5—7 day measurement session.

On the basis of the observation results, it was established that the magnitude and direction of winds varied from day to day and from month to month. The experimental curves of wind velocities were analyzed by Fourier series. I. e., they were reduced to a constant component and three harmonics (corresponding to 24-, 12-, and 8-hour variations). The second harmonic was predominant. The velocities of the zonal wind components attained maximum values of 20—30 m/sec in April and June. These velocities were lowest during January and March (1—5 m/sec); during February and May they were 12—15 m/sec. The direction varied from easterly during February and March to westerly during the April—May period, and again to easterly in June. The meridian wind components were directed to the south during every month except March. The magnitudes of these components varied from 5 to 18 m/sec; the maximum was observed in March.

Comparison of these results with the published data from similar studies at Manchester and Khar'kov established that similarities exist in.

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the monthly variations and that in all three cases the wind velocities decrease during spring and summer. The curves of the meridian wind components exhibit certain similarities, but the zonal component curves show closer agreement. The data are different when the relative magnitudes of the wind velocities for the three locations are considered. Both wind components at Manchester were weaker than those studied in the USSR. This is attributed to the different climatological conditions at the points of observation and to the different times of observation with respect to the 11-year solar activity cycle. Orig. art. has: 3 figures. [FSB: v. 2, no. 10]

SUB COD: 04,07 / SUBM DATE: 29Mar65 / ORIG REF: 004 / OTH REF: 003

Card 4/4

LYSENKO, I.D.

Biliary peritonitis without perforation of the gall bladder. Zdrav.
Belor. 5 no.12:48-49 D '59. (MIRA 13:4)

1. Iz khirurgicheskogo otdeleniya Moskovskoy rayonnoy bol'nitsy
Grodzenskoy oblasti.
(BILIARY TRACT--DISEASES)

DOLININ, G.A.; STEPANYAN, A.N., veter. vrach.; YESHCHENKO, N.A.; OREKHOVSKIY, V.K.; LYSENKO, I.F., veter. vrach (Tiraspol' Moldavskoy SSR); SARAYKIN, I.M., prof.; POGUIYAY, V.D., veter. vrach (Romanovskiy rayon, Altayskogo kraya); BOGDANOVSKIY, A.V.; SAVUSHKINA, Ye.T., kand. veter. nauk

Prophylaxis and treatment of dyspepsia in calves. Veterinariia
41 no.1:72-75 Ja '64. (MIRA 17:3)

1. Glavnyy veterinarnyy vrach sela Uren', Gor'kovskoy oblasti (for Dolinin). 2. Ivanovskaya mezhrayonnaya veterinarnaya laboratoriya Khersonskoy oblasti (for Stepanyan). 3. Starshiy veterinarnyy vrach sovkhoza "Kamenskiy" Moldavskoy SSR (for Saraykin). 4. Moldavskiy sel'skokhozyaystvennyy institut (for Saraykin). 5. Glavnyy veterinarnyy vrach sovkhoza "Berestovoy", Donetskoy oblasti (for Bogdanovskiy).

KOMPAN, Ye.G.; RUTGAYZER, I.D.; TKACHENKO, V.A., otv. za vypusk;
LYSENKO, I.F., red.; CHERNYSHENKO, Ya.T., tekhn. red.

[Use of plastic materials in the machinery manufacture; list of literature (for inventors, efficiency promoters, and innovators of the industry)] Primenenie plastmass v mashinostroenii; katalog literatury (v pomoshch' izobretateliam, ratsionalizatoram i novatoram proizvodstva). Khar'kov, Izd-vo TsBTI Khar'kovskogo SNKh, 1960. 55 p. (MIRA 16:7)

1. Khar'kov. TSentral'naya nauchno-tekhnicheskaya biblioteka.
(Plastics) (Machinery industry)

LYSENKO, I. M.

Manual for work with the veldoeffectoscope type VDK-1, Karpov system. 2. dop. i
ispr. 1zd. Moskva, Transzheldorizdat, 1944. 50 p.

Cyr.4 TE16

LYSENKO, I.M.

[Side finder attachment for the MRD-52 flaw detector] Bokovoi
iskatel' k defektoskopu MRD-52. Moskva, 1959. 6 p. (Moscow. Vsesoiuzni
nauchno-issledovatel'skii institut zheleznodorozhnogo transporta.
Soobshchenie, no.1). (MIRA 13:9)
(Railroads--Rails--Testing)

KOZLOV, Viktor Borisovich; LYSENKO, Il'ya Mitrofanovich; MATVEYEV,
Aleksandr Nikolayevich; TRAKHTENBERG, Moisey Vladimirovich;
USPENSKIY, Yevgeniy Ivanovich; GOLOVANOV, A.L., red.;
KHITROV, P.A., tekhn.red.

[Detection of defects in rails] Rel'sovaya defektoskopiya.
Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 230 p. (MIRA 12:6)
(Railroads--Rails)

LYSENKO, I.M., inzh.

Measures to improve the use of defectoscopes. Zhel.dor.transp.
41 no.6:51-54 Je '59. (MIRA 12:9)
(Railroads--Equipment and supplies)
(Railroads--Rails--Testing)

LYSENKO, I.M., inzh.

lateral selectors for the MRD-52. Put' 1 put.khoz. no.1:25-27
Ja '59. (MIRA 12:2)
(Railroads--Equipment and supplies) (Railroads--Rails--Testing)

KOZLOV, Viktor Borisovich, inzh.; LYSENKO, Il'ya Mitrofanovich, inzh.;
USPENSKIY, Ye.I., inzh., red.; SERGEYEVA, A.I., red.;
VASIL'YEVA, N.N., tekhn.red.

[Using rail defectoscopes] Opyt primeneniia rel'sovykh
defektoskopov. Moskva, Vses.izdatel'sko-poligr.ob"edinenie
M-va putei soobshcheniia, 1962. 62 p.

(MIRA 15:5)

(Railroads--Rails--Defects)

LYSENKO, I.M., inzh.

Use of the eddy current method for detecting hairline cracks
in new rails. Trudy TSNII MPS no.243:80-103 '62.

(MIRA 16:6)

(Railroads--Rails--Testing)
(Electric currents, Eddy)

KOZLOV, V.B.; LYSENKO, I.M.; MATVEYEV, A.N.; TRAKHTENBERG, M.V.;
USPENSKIY, Ye.I.; GURVICH, A.K.; BESPALOV, B.N., inzh.,
retsenzent; SPASSKIY, D.S., inzh., red.; MEDVEDEVA, M.A.,
tekhn. red.

[Flaw detection in rails] Rail'sovaya defektorskopiya. [By]
V.B.Kozlov i dr. Izd.2., perer. i dop. Moskva, Transzhel-
dorizdat, 1963. 286 p. (MIRA 16:8)

(Railroads--Rails--Defects)
(Nondestructive testing)

LYSENKO, I.M.

Certain considerations in the training of personnel in the
field of flaw detection. Defektoskopiia no. 5:86 '65
(MIRA 19:1)

1. Zamestitel' rukovoditelya otdeleniya transportnoy defekto-
skopii Vsesoyuznogo nauchno-issledovatel'skogo instituta
zheleznodorozhnogo transporta.

LYSENKO, I. P., LUKASHEV, I. I. ARTYKH, I. A. KULESKO, I. I.

"Studies on Vaccination of Cattle against Foot-and-Mouth Disease with Hydroxide-aluminum Vaccine."

SO: Veterinariya, Vol.20, No.3/4, March/April 1943, uncl.

LYSENKO, I. P.

Lysenko, I. P. "Methods of preparing antireticular cytotoxic serum," Nauch. trudy (Ukr. in-t eksperim, veterinarii), Vol. XIV, 1946, p. 46-51 - Bibliog: 8 items

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

LYSENKO, I. P.

Lysenko, I. P. "on the use of antitreticular cytotoxic serum for obtaining hignly active hemolytic serum in cases of its serial preparation," Nauch. trudy (Ukr. in-t eksperim. veterinarii), Vol. XIV, 1946, p. 127-33 - Bibliog: 7 items

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

LYSENKO, I. P.

Lysenko, I. P. "Instruction in preparation of highly active hemolytic serum, using specific cytotoxic stimulation," Nauch. trudy (Ukr. in-t eksperim. veterinarii), Vol. XIV, 1946, p. 134-36

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

1. LYSENKO, I. P.
2. USSR (600)
4. Antigens and Antibodies
7. Antigen for obtaining an immune serum for paratyphoid in calves. Nauch, trudy UIEV 18, 1951.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

17(2, 10)

SOV/16-59-9-33/47

AUTHOR: Lysenkó, I.P., Tsymbal, A.M. and Kul'bachnaya, M.Z.
TITLE: On the Pathogenesis of Listerellosis. Author's Summary
PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959,
Nr 9, pp 127 (USSR)

ABSTRACT: The aim of the work was to study the connection between the development of experimental listerellosis in guinea pigs and the degree of disturbance of the body's barrier fixation function. It was found that, where this function was artificially disturbed, listerellosis developed in most (66.6%) of the animals. The other animals in this group were cleared of Listerella within 29 days. Where the barrier fixation function was not disturbed the infection did not, as a rule, evince or develop any clinical symptoms and the animals were free of Listerella within 29 days. If the barrier fixation function then was disturbed in this second group of animals 12 days after the start of the test, clinically pronounced listerellosis was provoked in some of the animals and in some of the others the period, during which Listerella were present in the body, was extended. The results suggest that

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On the Pathogenesis of Listerellosis. Author's Summary

SOV/16-59-9-33/47

the decisive role in the pathogenesis of listerellosis in susceptible, but not highly-sensitive, animals is the body's general power of resistance. A weakening of the resistance, particularly by disturbance of the barrier fixation function, can lead to the development of a clinically pronounced form of listerellosis.

ASSOCIATION: Ukrainskiy veterinarnyy institut (Ukrainian Veterinary Institute)

SUBMITTED: January 20, 1959

Card 2/2

LYSENKO, I.P., kand.veterinarnykh nauk

Associated immunization of swine against the most dangerous infectious diseases. Veterinariia 38 no.1:30-33 Ja '62. (MIRA 15:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy veterinarii.

(Swine--Diseases and pests) (Vaccination)

PETROV, I.N.; LYSENKO, I.R.

Riveting press with nonpercussive action. Mashinostroitel'
no.12:8 D '63. (MIRA 17:1)

LYSENKO, I.S.

18(5); 25(5) p. 2

PHASE I BOOK EXPLOITATION

SOV/1574

Kyyiv. Ukrayins'kyi naukovo-doslidnyy instytut metaliv

Vprovadzhennya novoyi tekhniki i tekhnologiyi na metalurhiynykh zavodakh
Ukrayiny; zbirnyk, t. 3 (Introduction of New Techniques and Technology
in Ukrainian Metallurgical Plants; Collection of Articles, Vol. 3) Kyyiv,
Derzhtekhvydav URSR, 1958. 192 p. 1,000 copies printed.

Exec. Ed.: H. Afonina; Tech. Ed.: P. Patsalyuk.

PURPOSE: The book is intended for metallurgists employed in rolling and
slabbing operations.

COVERAGE: This is a collection of 11 Ukrainian articles, compiled by 22
authors, some of whom are referred to as eminent specialists. The subjects
dealt with in the articles are: use of limestone-fluxed slag in making pig
iron, use of blast-furnace gas under increased pressure, use of oxygen in
making steel in open-hearth and Bessemer furnaces, description of a new
method of "intensified" squeezing of slabs in blooming mills. Some design
details, with direct references to actual plants and certain operational

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Introduction of New Techniques (Cont.)

SOV/1574

practices are also featured. Introduction of full mechanization of rolling processes at steel-works is taking place. Numerous diagrams accompany the text. Some articles have bibliographic entries, mainly Soviet.

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Introduction of New Techniques (Cont.)

SOV/1574

- Byelokurov, S.I., Ye. I. Bembinek, S.T. Zaykov, P.Ya. Kravtsov, and S.I. Stupel'. Use of Calcium-Silicon in the Deoxidation of Steel for Making Wheels and Tires 87
- Leve, N.F., G.A. Klemeshov, and S.S. Sandomyrs'ka. Effect of Nonmetallic Admixtures Upon Some Properties of Bessemer Steel, Deoxidized by Calcium-Silicon 92
- Aleksandrov, P.A., V.V. Klepanda, and Ye Ya. Ryznik. Ways of Increasing the Durability and Wear-resistance of Rolls in Rolling Mills 103
- Dolzhenkov, F.Ye. Unused Possibilities of Augmenting the Performance of Small-roll Slabbing Mills Working Large-size Slabs 117
- Filipov, I.N. Steel Rolling According to Technological Performance Charts; Compilation of Charts 140

Card 3/4

Introduction of New Techniques (Cont.)

SOV/1574

Kas'yanov, S.F. Introduction of Mechanization and Automation in
Ukrainian Metallurgical Plants

154

AVAILABLE: Library of Congress

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5-28-59

Card 4/4

SOV/137-59-1-272

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 34 (USSR)

AUTHORS: Lebedev, A. Ye., Lysenko, I. S.

TITLE: On the Problem of Replacing Coke Breeze Employed During Sintering of Iron Ores by Anthracite Culm (K voprosu o zamene koksika pri aglomeratsii zheleznykh rud antratsitovym shtybom)

PERIODICAL: Byul. nauchno-tekhn. inform. Ukr. n.-i. in-t metallov, 1958, Nr 5, pp 8-15

ABSTRACT: A description of the results of experiments dealing with the replacement of coke breeze employed in the sinter charge during sintering of concentrates of Kerch' ores by anthracite culm (AC). The initial sintering was conducted in a circular vat 400 mm high and 500 mm in diameter, which yielded up to 55 kg of sinter (S) in one batch, and was then continued directly in the continuous sintering machines of the Kamysh-Burunskaya sintering plant. The AC contained 16.1% cinder. Experiments demonstrated that the substitution of the AC does not impair the quality of the S obtained and is not responsible for the increased fuel consumption during the process. The productivity of sintering machines producing unfluxed S decreased by 4-5% when AC

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On the Problem of Replacing Coke Breeze Employed During Sintering (cont.) SOV/137-59-1-272

was employed. Compared with the standard technology of the production of fluxed S, the employment of the AC makes it possible to increase the productivity of the continuous sintering machines by 4-7% (according to laboratory data).

Ye. V.

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S/137/61/000/010/004/056
A006/A101

AUTHORS: Sidorov, N. Ye., Lysenko, I. S., Antonov, V. K., Zaporozhets, N. P.

TEXT: On the use of heated and oxygen-enriched air during the sintering of iron ores

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 10, 1961, 12, abstract 10V85. ("Sb. tr. Ukr. n.-i. in-t. metallov", 1960, no. 6, 34 - 44)

TEXT: Laboratory sintering was performed with a 225 mm high charge layer, 2.5 - 4.5% C and 1.0 basicity. When sintering Krivoy Bog ores, an increase of the air temperature up to 100 and 300°C, entailed a reduction of specific fuel consumption by 12.5 and 25.0% and raised the output from 73.4 to 85.5% (+ 10 mm fraction). When sintering Kerch ores air heating up to 200 - 250°C raised the degree of As volatility from 20 and 13% to 30.7 and 26.9%. The use of air, heated to 160 - 175°C by gas combustion over a charge layer during 25% of the whole sintering time, raised the efficiency by 3.5%, the output from 76.3 to 80.4%, although O₂ was reduced from 20 to 18.3% in the infiltrated air. Air heating over vacuum-chambers 3 - B should proceed as follows: a) by gas combustion (Q 1,400 kcal/m³) at its consumption of 13 m³/t of sinter and about 200°C air temperature, making it

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A006/A101

On the use of heated and...

possible to save up to 20% fuel or b) by the mounting of an additional ventilator and cooling of the sinter over vacuum chambers 12 - 13, thus facilitating the exhaust operation. Enrichment of the air with O_2 from 20.0 to 22.9% increased the sintering speed from 35.3 to 29.2 mm/min at an unchanged strength of the sinter. Simultaneous air heating to 150 - 200°C and increasing of O_2 to 22.9% raised the sintering speed to 40.9 mm/min at a reduction of the fuel consumption from 4.0 to 3.0%. Enrichment of the air with O_2 at the moment of ignition of the charge, from 20.0 to 30.7%, increased the output of the sinter from 78.8 to 85.2%.

G. Sokolov

[Abstracter's note: Complete translation]

Card 2/2

LYSENKO, I.S.; KISSIN, D.A.; IOFFE, V.Ye.; NOVIKOV, B.G.

Experimental sintering with a partial substitution of coke breeze.
Bul.TSIICHM no.4:36-37 '61. (MIRA 14:10)

1. Zavod "Zaporozhstal".
(Sintering) (Coke)

LYSENKO, I. T., inzh.

Loading rock salt in mines of the "Artemsol'" Mining Administration. Gor. zhur. no.10:21-23 0 '62. (MIRA 15:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut solyanoy promyshlennosti, Donetskaya oblast'.

(Artemovsk region—Salt mines and mining)

LYSENKO, I.V.; LEGKOSTUP, O.I.

Effect of warming the metal surface of an ingot during the pouring of pipe steel on its contamination by nonmetallic inclusions. Izv. vys.ucheb.zav.; chern.met. 8 no.8:34-37 '65.

(MIRA 18:8)

1. Dnepropetrovskiy metallurgicheskiy institut.

LYSENKO, I.V.; LEGKOSTUP, O.I.

Using graphite during the bottom pouring of killed pipe steel.
Izv. vys. ucheb. zav.; chern. met. 7 no.3:69-76 '64.

(MIRA 17:4)

1. Dnepropetrovskiy metallurgicheskiy institut.

KONOVA OV, V.S.; LAPITSKIY, V.I.; LEGKOSTUP, O.I.; LYSENKO, I.V.;
OKHOTSKIY, V.B.; KHOLYAVKO, Z.I.

The role of nonmetallic inclusions on the formation of internal
laps in pipe. Izv. vys. ucheb. zav.; chern. met. 6 no.10:37-42
'63. (MIRA 16:12)

1. Dnepropetrovskiy metallurgicheskiy institut.

BAYKOV, S.P., kand. tekhn. nauk; BELENKO, I.S., kand. tekhn. nauk;
 BELKOV, S.F., inzh.; BELYANCHIKOV, M.P., inzh.; BERNSTEYN,
 I.L., inzh.; BOGORODITSKIY, D.D., inzh.; BOLONOVA, Ye.V.,
 kand. tekhn. nauk; EROZGOL', I.M., kand. tekhn. nauk;
 VLADIMIROV, V.B., inzh.; VOLKOV, P.D., kand. tekhn. nauk;
 GERASIMOVA, N.N., inzh.; ZHUKHOVITSKIY, A.F., inzh.;
 KABANOV, M.F., inzh.; KALEVTSOV, V.M., kand. tekhn. nauk;
 KOLOTENKOV, I.V., inzh.; KONDRAT'YEV, I.M., inzh.;
 KUZNETSOV, I.P., kand. tekhn. nauk; L'VOV, D.S., kand.
 tekhn. nauk; ~~LYSENKO, I.Ya., kand. tekhn. nauk;~~ MAKAROV,
 L.M., inzh.; ~~OLEYNIK, N.D., inzh.;~~ RABINER, Ye.G., inzh.;
 ROZHDESTVENSKIY, Yu.L., kand. tekhn. nauk; SAKHON'KO, I.M.,
 kand. tekhn. nauk; SIDOROV, P.N., inzh.; SPITSYN, N.A., prof.,
 doktor tekhn. nauk; SPRISHEVSKIY, A.I., kand. tekhn. nauk;
 CHIRIKOV, V.T., kand. tekhn. nauk; SHEYN, A.S., kand. tekhn.
 nauk; NIEBERG, N.Ya., nauchnyy red.; BLAGOSKLONOVA, N.Yu., inzh.,
 red. izd-va; SOKOLOVA, T.F., tekhn. red.

[Antifriction bearings; manual] Podshipniki kachenia; spra-
 vochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashino-
 stroit. lit-ry, 1961. 828 p. (MIRA 15:2)
 (Bearings (Machinery))

L 22151-65 EPF(c)/EPR/EWT(d)/EWT(m)/T/EWA(d)/EWP(w) Pr-l/Ps-l AEDC(a)/ASDP-3
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ACCESSION NR: AR4045074

S/0277/64/000/005/0036/0036

SOURCE: Ref. zh. Mashinostr. mat., konstr. i raschet detal. mash. Otd. vy* p., Abs. 5.48.257

AUTHOR: Spitsy*n, N. A.; Narodetskiy, M. Z.; Ly*senko, I. Ya.

TITLE: New developments in the theory of calculating roller-contact bearings

CITED SOURCE: Tr. Vses. n. -i. konstrukt. -tekhrol. in-ta podshipnik. prom-sti, no. 3(35), 1963, 11-30

TOPIC TAGS: roller contact bearing, antifriction bearing, bearing theory, elasticity theory, radial ball thrust bearing, bearing load capacity, radial gap

TRANSLATION: The article presents a survey of studies, mainly by Soviet authors, on the theory of calculation of roller contact bearings, which include the formulation of contact problems in the theory of elasticity. Subjects discussed include methods for solving problems in the theory of elasticity relating to

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bearing design, analysis of effects of radial gaps on load capacity and life of roller contact bearings, analysis of dynamic and kinematic characteristics of various types of antifriction bearings, design principles for high speed bearings, theoretical principles of calculating preset roll gap and regulating the end play of radial ball thrust bearings, as well as an evaluation of the comparative load capacity of various types of bearings.

SUB CODE: IE

ENCL: 00

Card 2/2

LYSENKO, P.I.

Rennet therapy for colibacilliosis in calves according to P.G. Dobud'ko's method. Veterinariia 30 no.6:46-47 Je '53. (MLBA 6:5)

1. Starshiy veterinarnyy vrach veterinarnogo otdela Krymskogo oblsel'khozupravleniya.

LYSENKO, P. V.

Agriculture - Study and Teaching

Several results of the work of the House of Farm Crops. P. V. Lysenko.
Sov. agron. 10, no. 8, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS. Library of Congress, September 1952. UNCLASSIFIED

SOV/112-59-1-438

8(6), 14(6)

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 59 (USSR)

AUTHOR: Lysenko, P. Ye.

TITLE: Methods of Investigation of Gates in Hydroelectric Stations

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Energetika, 1958, Nr 1, pp 117-124

ABSTRACT: Methods of laboratory investigation of turbine gates of a hydroelectric station are discussed; the methods were developed during an investigation on models of an emergency-and-repair cylinder gate of the Kama-River station. The following points were investigated: finding the simulation limits, allowance for turbine operating conditions, allowance for cavitation, etc. The following conclusions are drawn: (1) simulation and Euler's transfer of model investigation results to the prototype are permissible even in the case when simulating conditions do not hold true for the entire hydrostation; (2) representing the turbine as a hydraulic resistance permits solving the problem of discharge through the station during the gate closing with the turbine

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Methods of Investigation of Gates in Hydroelectric Stations

in operation; (3) if the gate is investigated in a station that is lacking the turbine model, the simulation of the wicket-gate mechanism, piers, and other entrance components is necessary; (4) if the gate cavitation is not simulated in the experiments, the two extreme cavitation cases permit evaluating the range of the gate loads, averaged in time and area, under cavitation conditions. A simple Euler's transfer of model-test results to prototype conditions with a cavitation-type flow in the gate is inadmissible in principle and may lead to rough errors. Five illustrations. Bibliography: 2 items.

Yu. M. S.

Card 2/2

LYSENKO, P.Ye.

Protection system for the pressure piping of hydroelectric power stations. Nauch. dokl. vys. shkoly; energ. no.1:135-142 '58.
(MIRA 11:10)

1.Rekomendovano kafedroy gidrotekhnicheskikh sooruzheniy Moskovskogo energeticheskogo instituta.
(Hydroelectric power stations)

98-58-7-8/21

AUTHOR: Lysenko, P.Ye., Engineer

TITLE: Rotating Valves for Water Pressure Conduits of Hydraulic Installations (Povorotnyyetsilindricheskiye zatvory dlya napornykh vodovodov gidrosooruzheniy).

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1958, Nr 7, pp 26-29(USSR)

ABSTRACT: Rotating valves for water pressure conduits of hydraulic installations, in use abroad since 1908, are being introduced into Soviet hydraulic construction due to the suggestion of the Member-correspondent of the AS USSR, B.K. Aleksandrov and Engineer N.A. Yegorov, and will be used for the horizontal aggregate of the Kama Hydroelectric Plant. Research on these valves was conducted by the Chair of Hydraulic Installations of The Moscow Power Institute together with workers of the Moskovskaya projekt'naya kontora "Gidrostat' projekt" (The Moscow Designing Office of the "Gidrostat'-projekt"), under the general direction of Professor V.G. Ayvaz'yan. The following conclusions were reached: 1) these valves have superior hydraulic properties in comparison with other types now in use in the USSR; 2) construction features are satisfactory and are superior to the greatest part of presently used locks; 3) the method of computation

Card 1/2

98-58-7-8/21

Rotating Valves for Water Pressure Conduits of Hydraulic Installations.

of the lock (proposed in this article) does not need any laboratory tests; 4) rotating valves are highly recommended for Soviet hydraulic constructions. There are 4 graphs, 1 diagram, and 7 references, 4 of which are Soviet, 2 German and 1 American.

ASSOCIATION: Moskovskiy energeticheskiy institut(The Moscow Power Institute)

1. Hydraulic systems--USSR
2. Hydraulic conduits--Water pressure
3. Valves--Applications

Card 2/2

LYSENKO, P. Ye., Cand Tech Sci -- (diss) "Hydraulics of rotary cylindrical closing devices and their application in hydraulic structures." Moscow, 1960. 31 pp; 1 page of charts; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Lenin Power Inst); 250 copies; free; bibliography on pp 30-31 (23 entries); (KL, 24-60, 133)

RUDYK, M.A., inzh.; Palyunas, V.A., inzh.; LYSENKO, P.Ye., kand.tekhn.
nauk

Design of Flat high-pressure submerged gates. Izv. ASIA 4
no.4:102-107 '62. (MIRA 16:1)
(Gates, Hydraulic)

LYSENKO, R.

Portable oxygen apparatus. p. 213.
UHLI, Praha, Vol. 5, no. 6, June 1955.

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

LYSENKO, R.

The SS-3 respirator of Soviet production which facilitates escape during mine disasters. p. 109.
(Uhli, Vol. 7, no. 3, Mar. 1957, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

LYSENKO, S.: IVCHENKO, I.

Evaluating the work of State Fire Inspection Agencies. Pozh.delo
3 no.3:9 Mr '57.
(MLRA 10:4)

1. Zamestitel' nachal'nika UVD Kirovogradskogo oblispolkoma (for
Lysenko) 2. Nachal'nik Otdela pozharney okhrany Kirovogradskoy
oblasti (for Ivchenko).
(Fire prevention--Inspection)

IMSHENETSKIY, A.A., akademik; BOGROV, N.; LYSENKO, S.

Resistance of micro-organisms to deep vacuum. Dokl. AN SSSR
154 no.5:1188-1190 F'64. (MIRA 17:2)

1. Institut mikrobiologii AN SSSR i Fiziko-tekhnicheskii institut
nizkikh temperatur AN UkrSSR.

BRYKSIN, A., inzhener-polkovnik, letchik vtorogo klassa; SHAROV, N.,
inzhener-podpolkovnik, letchik vtorogo klassa; LYSENKO, S.,
inzhener-podpolkovnik

Transport airplane in take-off and landing. Vest. Vozd. Fl.
no.12:69-71 D '61. (MIRA 15:3)
(Airplanes--Take-off) (Airplanes--Landing)

S081/61/000/019/029/085
B110/B101

AUTHORS: Ozerskaya, F. A., Moreyn, N. G., Lysenko, S. A.

TITLE: Determination of niobium in steels containing tungsten

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1961, 115, abstract 19D62 (Sb. tr. Tsentr. n.-i. in-t chernoy metallurgii, no. 19, 1960, 48 - 50)

TEXT: A photometric method for the determination of Nb is offered, comprising a separation of earth metal, titanate, and tungstic acids by hydrolysis. The calcinated mixture of oxides is broken up by melting with $K_2S_2O_7$, dissolving the melt in dilute H_2SO_4 , followed by a separation of Nb by means of alkali and in the presence of Fe^{3+} . By this, tungsten remains in solution and allows to determine Nb photometrically with the aid of sulfocyanide. The actual determination is performed by dissolving 1 g of steel in a mixture of 40 ml of conc. HCl + 10 ml of conc. HNO_3 ; this solution is evaporated to syrupy consistency, and this procedure is

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Determination of niobium in steels...

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repeated twice under adding 1 ml of conc. HCl each. The residue is then diluted with 40 ml HCl (1:4) and heated for 1 hr. Then follows a dilution with 5 ml of conc. HCl and 200 ml of hot water, also adding some paper pulp; heating is continued for 1 - 2 hr. The residue, containing SiO_2 , tungstic, and niobic acids is filtered off and washed with hot HCl (1:20). The residue is intensely heated in a Pt crucible to $800 - 900^\circ\text{C}$, followed by melting with 1 - 2 g $\text{K}_2\text{S}_2\text{O}_7$ and dissolving the melt in 30 ml of H_2SO_4 (1:4). 15 ml of a 0.8% FeCl_3 solution is added, and a 20% NaOH solution is admixed up to a slightly alkaline reaction. Then the NaOH content was raised to ~5%. This solution is boiled, filtered off and washed with a 5% NaOH solution. The filter and residue is then transferred to a beaker and heated with 40 ml of a 20% tartaric acid solution until complete dissolution of the residue. The filter is destroyed by a glass rod. This solution is filtered, followed by a 6 - 8 times wash with hot water and a final dilution to 250 ml. A 100-ml graduated flask is then filled with 24 ml HCl (sp. grav. 1.12) + 6 ml of water and 24 ml of acetone. After cooling to room temperature, 10 ml of the solution to be tested is added, as well as 24 ml of a 30% KSCN solution, 3 ml of a 20% SnCl_2 solution,

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Determination of niobium in steels...

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and water up to the mark. The photometric determination follows after a 5-min interval, using a blue filter. The solution of the control analysis is employed for comparison. Limit of error: 0.01 - 0.03 (abs).
[Abstracter's note: Complete translation.]

Card 3/3

KUTEYNIKOV, A.F.; LYSENKO, S.A.

Determination of hafnium in high-melting compounds. Konstr.
uglegraf. mat. no.1:319-324 '64. (MIRA 17:11)

KUTEYNIKOV, A.F.; LYSENKO, S.A.

Study of the composition of complex compounds by a method of
masking addendum. Zhur. anal. khim. 19 no.11:1289-1292 '64.
(MIRA 18:2)

L 64497-63 ENT(1)/ENT(m)/ENP(t)/ENP(b) IJP(c) JD

ACCESSION NR: AP5012623

UR/0051/65/018/005/0894/0896 50
535.373.1

AUTHORS: Goldman, A. G.; Proskura, A. I.; Lysenko, S. F. 44.55 44 13

TITLE: Excitation spectra of the Gudden-Pohl effect in copper-activated zinc-sulfide phosphors

SOURCE: Optika i spektroskopiya, v. 18, no. 5, 1965, 894-896 21, 44.55

TOPIC TAGS: emission spectrum, zinc compound optic material, optic activity, phosphorescence, luminescence, photoconductivity

ABSTRACT: This is a continuation of earlier work (DAN SSSR v. 149, 1419, 1963 and v. 150, 519, 1963), in which the emission spectra of the Gudden-Pohl effect in ZnS-Cu, Sn phosphor was measured. To measure the excitation spectra, it was necessary to get rid of the combined excitation effects which increase the phosphorescence of the impurity and also the Gudden-Pohl effect. Since it was shown in the earlier work that the Gudden-Pohl effect involves not only an excita-

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tion of the activation centers by short-wave illumination but also a stable internal electric field resulting from the superposition of an external field on the phosphor in the presence of excitation, precautions were taken in the experiments to quench the mechanism whereby excitation of the surrounding phosphor is transported to the Gudden-Pohl effect centers. This was done by application of AC voltage without illumination to the phosphors. This left only a second-order Gudden-Pohl effect, which was the main object of the measurements. The preparation of the phosphor powders and the test technique are briefly described. The Gudden-Pohl excitation spectra were found to consist of a single band with a sharp maximum at 340 nm. This practically coincides with the long-wave absorption edge of pure ZnS (338 nm) and agrees with the width of the forbidden band of ZnS (3.65 eV). It is therefore concluded that the primary act in the excitation of Gudden-Pohl luminescence consists in an electron transfer from the filled band to the conduction band and establishment of photoconductivity. Measurements of the phosphorescence excitation spectra, which were determined together with the Gudden-Pohl excitation spectra, confirmed the model wherein the phosphorescence centers

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and the Gudden-Pohl flash emission centers coincide in the same phosphor as long as there is not protective field to create special conditions for Gudden-Pohl centers. 'We thank N. N. Kalibabchuk for the analysis of the phosphor and L. S. Pekar for preparation of the ZnS-Cu,Cl specimens.' Orig. art. has: 4 figures.

ASSOCIATION: None

SUBMITTED: 21Dec64

ENCL: 00

SUB CODE: OP

NR REF SOV: 002

OTHER: 003

Card 3/3

L 11938-66 EWT(1)/EWT(m)/EWP(t)/EWP(b) IJP(c) JD
ACC NR: AP6001649 SOURCE CODE: UR/0051/65/019/006/0943/0950

AUTHOR: Gol'dman, A.G.; Proskura, A.I.; Lysenko, S.F.

ORG: none

TITLE: Three types of Gudden-Pohl effect and the phosphorescence of copper-activated zinc sulfide

SOURCE: Optika i spektroskopiya, v. 19, no. 6, 1965, 943-950

TOPIC TAGS: zinc sulfide, phosphorescence, luminescent center

ABSTRACT: The authors consider a characteristic property of the Gudden-Pohl effect (GPE) which consists in the conservation for an extended period of time in the solid dielectric of a certain portion of the absorbed light energy in the form of ionized luminescence centers and electrons, with their radiation recombination controlled by the electrical field. The mechanism of GPE center excitation is considered, and three types of GPE are described. The possible interaction of these types is analyzed. The paper deals primarily with a study of the physical nature and laws of the 2nd and 3rd types of GPE, with particular attention given the derivation of the 3rd type and its control. The 2nd type is the effect arising as the result of the preliminary combined effect of shortwave radiation and the internal electric field; the 3rd type is the

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UDC: 535.373

L 11938-66

ACC NR: AP6001649

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effect obtained as the result of new excitation arising without new radiation. The excited luminescence centers of the GPE in copper-activated zinc sulfide luminescent materials are regarded as ^{2, 4, 5}phosphorescence centers protected by local fields against recombination. The characteristics of the 2nd and 3rd types of GPE are defined and methods of controlling these processes are devised. Orig. article has: 2 tables and 6 figures.

SUB CODE: 20, 11 / SUBM DATE: 06Jul64 / OTH REF: 003

bel
Card

2/2

LYSENKO, S.I.
SHERSTYUK, K.G.; LYSENKO, S.I.; SKRIPKIN, K.A.

Pin connections. Zhel.dor.transp. 39 no. 3 77 Az. '57 (MIRA 10 9,
(Railroads--Rail)

RUBINSHTEYN, Grigoriy Leonidovich, doktor ekon. nauk, prof.;

Prinimali uchastiye: BUKOVETSKIY, A.I., doktor ekon. nauk
prof.; VASIL'YEV, A.A., kand. ekon. nauk, dots.; VOLOKITIN,
A.S., kand. ekon. nauk, dots.; SARYCHEV, V.G., kand. ekon.
nauk, dots.; LUKASHEV, M.Ya., kand. ist. nauk, dots.;
LYSENKO, S.P., kand. ekon. nauk, dots.; BAK, I.S., doktor
ekon. nauk, prof., retsenzent; GOGOL', B.I., doktor ekon. nauk,
prof., retsenzent; ABATUROV, A.I., prof., red.; ROZHANKOVSKAYA,
I.I., red.

[Development of domestic trade in the U.S.S.R.] Razvitie vnutren-
nei trgovli v SSSR. Leningrad, Izd-vo Leningr. univ., 1964.
394 p. (MIRA 18:4)

LYSENKO, S.V.

Study of lower plants in the semideserts of the western Caspian region as related to pedological and geobotanical investigations.
Bot. zhur. 48 no.11:1610-1622 N '63. (MIRA 17:4)

1. Respublikanskiy proyektnyy institut po zemleustroystvu
"Rosgiprozem", Yuzhnyy filial, Rostov-na-Donu.

LYSENKO, S.; IMSHENETSKIY, A.;

"An ultra-high vacuum and microorganisms" (USSR)

Report submitted for the COSPAR Fifth International Space Science Symposium, Florence, Italy, 8-20 May 1964.

S.C. 6.

Planting

Hand sowing of kok-saghis. T. D. JASENKO
(Proc. Lenin Acad. Agric. Sci., U.S.S.R., 1943,
No. 2, 18-20; Hort. Abs., 1946, 16, 109). The
method is described of hand-sowing seeds of kok-
saghis in holes 35 cm. apart in rows 60 cm. apart;
this requires 60,000 seeds per hectare. The seeds
are sown with well rotted manure around them to
give the seedlings a good start. 1228.542

1946

LYSENKO, T. D.

"Heredity and Its Variations," published by the Dept. of Biological Sciences, AS
USSR.

VAN 4/5-44

LYSENKO, T.D.

"Agrobiology" (Agrobiologiya), OGIZ, M., 1948

36

The Science of Biology Today. Trofim Lysenko. 62 pages. 1948. International Publishers Co., Inc., New York.

This little book consists of an address delivered on July 31, 1948, by the President of the Lenin Academy of Agricultural Sciences. It deals with the international controversy between the supporters of the Mendel theory of heredity (environmental effects not subject to inheritance, but exclusively transmitted by chromosomes), and the Russian opposing theory. The address proper, which occupies 48 pages, is largely polemical in character, with little or no scientific evidence. The concluding remarks cite some examples in support of the Russian theory, in the field of vegetative hybrids.

LYSENKO, T. D., Acad

PA 1/49T65

USSR/Medicine--Wheat
Medicine--Environment

Mar/Apr 48

"Winter Wheat - in Siberian Fields," Acad
T. D. Lysenko, 7 pp

"Agrobiologiya" No 2

Presents various facts gathered as a result of
sowing and harvesting of winter wheat in steppe
regions of Siberia and central and northern regions
of Kazakhstan.

1/49T65

LYSENKO, T. D.

42163 LYSENKO, T. D. O polozhenii v biologicheskoy nauke. (Doklad i zaklyuch.
slovo na sessii Vsesoyuz. akad. s.-kh. nauk im. Lenina. 31 iyulya 1948g.)
Agrobiologiya, 1948, No.5, c. 7-42.

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948

LYSENKO, T. D.

All-Union Institute of Animal Husbandry, "An account of the meeting of the Scientific Council of the All-Union Institute of Animal Husbandry on the 19th and 20th of August, 1948, devoted to a summary of the meeting of the All-Union Academy of Agricultural Science imeni V. I. Lenin, according to the report of academician T. D. Lysenko "On the position of biological science" and on the measures in line with introduction of the Michurin tendency in zootechnical science (Reports of I. M. Kuznetsov, S. S. Petrov, and V. M. Yudin, discussions in line with the report and resolutions of soviet science), Vestnik zhivotnovodstva, 1948, Issue 6, p. 3-102

SO U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

LYSENKO, T. D. Acad

PA 9/49T72

USSR/Medicine - Biology
Medicine - Heredity, Mechanism

Oct 48

"The Status of Biological Sciences," Acad T. D.
Lysenko, 13 pp

"Priroda" No 10

Speech by Lysenko at 31 July 1948 session of Acad
Agr Sci imeni V. I. Lenin, in which he favored
adoption of Michurinian theory of survival of fit-
test in place of generally adopted Mendel and Morgan
theory of mutations.

9/49T72

LYSENKO, T. D.

"Report of Academician T. D. Lysenko at the session of the Academy of Agricultural Sciences about the situation in biological science." (p. 637)

SO: Progress of Contemporary Biology, 1948, Vol. 26, No. 2 (5) Sept-Oct.

LYSENKO, T. D.

"Closing speech by Academician T. D. Lysenko on the report about the situation in biological science." (p. 663)

SO: Progress of Contemporary Biology, 1948, Vol. 26, No. 2 (5) Sept-Oct

LYSENKO, T. D.

"Resolution of the session of the V. I. Lenin All-Union Academy of Agricultural Science on the report of Academician T. D. Lysenko about the situation in biological science." (p. 672)

SO: Progress of Contemporary Biology, 1948, Vol. 26, No. 2 (5) Sept-Oct

LYSENKO, T. D.

"On allowing the Odessa Institute of Selection and Genetics of the Red Banner of Labour the use of the name, T. D. Lysenko, (p. 799)

SO: Progress of Contemporary Biology, VOL. 26, No. 3 (6), Nov. - Dec. 1948

LYSENKO, T. Academician

"J. V. Stalin and Michurin Agrobiology," Izvestia, 1949

Current Digest of the Soviet Press, Vol. (In [redacted] Library)
No. 51, page 47 1950

LYSENKO, Trofim Denisovich, 1898

New achievements in the control of plant life. Moskva, Gos. izd-vo sel'khoz. lit-ry,
1949. 28 p. 50-38763

QX980. L9

LYSENKO, Trofim Denisovich, 1898-

The natural selection and the intra species competition; lecture Moskva, Gos. izd-vo sel'khoz. lit-ry, 1949. 39 p. (52-37364)

QH367.L96

LYSENKO, Trofim Denisovich, 1898

Vliianie termicheskogo faktora na prodolzhitel'nost' faz razvitiia rastenii; opyt so zlakami i khlopchatnikom. Effect of the thermic factor on the duration of developmental phases in plants. Izd. 2. Moskva, Gos. Izd-vo selkhoz lit-ry, 1949. 209 p. 50-29801

QK755. L9 1949

1. Plants, Effect of temperature on.
2. Growth Plants
3. Grain.
4. Cotton

LYSENKO, T. Academician

"Toward Boundless Growth in Harvests,"
Izvestia, Jan 1, 1949

Current Digest of the Soviet Press, Vol. 1, No. 1, 1949, page 20 (IN  LIBRARY)

LYSENKO, T. D., ACAD

PA 2/50T7

USSR/Agriculture - Crops

Tree Planting

Mar/Apr 49

"Measures for Obtaining Consistently Plentiful
Harvests From Volga Fields," Acad T. D. Lyenko,
64 pp

"Agrobiol" No 2

Many blame poor crops in Volga region in 1948 on
climate or drought, but lack of adaptation to
climate is true cause. Suggests many measures,
such as proper methods of seeding, elimination
of wild oats, etc. Experiments will be carried
on in tree planting on steepes and wooded steepes

2/50T7

USSR/Agriculture - Crops

Tree Planting (Contd) Mar/Apr 49

to protect fields. If successful, method will
be extended to kolchozes and sovkhoses.

2/50T7

LYSENKO, T. D.

23494. TREKHLETNIY PLAN RAZVITIYa OBSHchESTVENNOGO KOLKHOZNOGO I SOVKHOZNOGO
PRODUKTIVNOGO ZHIVOTNOVODSTVA I ZADACHI SEL'SKOKHOZYaYSTVENNOY NAUKI.
(DOKLAD NA SESSII VSESoyuz. AKAD. s.-x. NAUK IM. LENINA. S MAYa 1949.
G) AGROBIOLOGIYa, 1949, N^o 3, s. 26-45.

SO: LETOPIS' NO. 31, 1949

LYSENKO, T. D.

20019-20 LYSENKO, T. D. Opytvyye posevy lesnyth polos gvezdovym sposobom.
(Doklad na soveshchanii nauch rabotnikov vsesoyuz. akad. s.-kh. nauk im Lenina
23 Noyabrya 1948g.7 Yestestvoznaniye v shkole, 1949, No. 3, s. 3-14, Izvestiya
Akad. nauk SSSR, Seriya biol., 1949, No. 3, s. 240-52.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

LYSENKO T. D.

PA 14/49T7

USSR/Agriculture
Damage, Weather
Damage Control

Apr 49

"We Must Achieve Consistently High Harvests in
Volga Fields," Acad T. D. Lysenko, 6 pp

"Sov Agron" No 4

In general the 1948 harvest was bountiful, but
several important regions along the Volga suffered
serious droughts. Drought was particularly harm-
ful in Knybyshev Oblast. Gives reasons for se-
verity of damage in this region, and blames it
on lack of preparation by farmers. Suggests
methods to achieve consistently high harvests.

EEB

44/49T7

LYSENKO, T. D.

26585 Trekhletniy plan razvitiya obshchestvennogo kolkhoznogo i sovkhognogo produktivnogo zhivotnovodstva i zadachi sel'skokhozyactvennoy nauki. (Doklad na sessii vsesoyuz. Akad. s-kh. nauk im. V. I. Lenina 5 Maya 1949 G.) Izvestiya akad. nauk SSSR, seriya Biol. 1949, No. 4, s. 413-31.

SO: LETOPIS' NO. 35, 1949

LESENKO, T. D.

33348-49. Posev Polovashchitnykh Pevnykh Polos Gnezhdovym Sposobom. Agrobiologiya, 1949, No. 5, C. 9-29; Doklady Vsesoyuz Akad. S.-Z. Nauk: Im-Lenina, 1949, Vyp. 10, C. 3-21.

SO: Letopis' Zhurnal'nykh Statey Vol. 45, Moskva, 1949

LYSENKO, T. D.

Lysenko, T. D. "Experimental sowing of forest strips by the hill method",
(Report to the society of scientific workers of the All-Union Academy of Agricultural
Sciences imeni Lenin on 23 November 1948), Seleksiya i semenovodstvo, 1949, No. 5, p.17-27.

SO: - U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

LYSENKO, T. D.

25142 LYSSENKO. T. D. Trekhletniy Plan Razvitiya Obshchestvennogo Kolkhoz^{no}go
I Sovkhoznoego Produktiun Ogo Zhivotnouodstva I Zadachi Sel'skokhozyagstvennoy Nauk
I (Doklad na Sessii Vsesoyuz. Akad. S.-Kh. Nauk Im. Lenina 5 Maya 1949 G.)

Doklady Vsesoyuz. Akad. S.-Kh. Nauk Im Lenina, 1949, Vyp. 6, S. 7-25

SO: Letopis' No. 33, 1949

LYSENKO, T. D.

22595. LYSENKO, T. D. Trekhletniy plan razvitiya obshchestvennogo kolkhoznogo i sovkhognogo produktivnogo zhivotnovodstva i zadachi sel'skokhozyaystvennoy. Doklad na. Sessii bsesoyuz. Akad. S.-KH. nauk im. V. I. Lenina 5 Maya 1949 G. Sov. Agronomiya, 1949 No. 7, S.-3-21

SO: LETOPIS' No. 30, 1949

LYSENKO, T.D.

LYSENKO, T.D. "Cluster Planting of Trees" (Talk with T.D. Lysenko, President of the All-Union Academy of Agricultural Sciences imeni lenin), Ogonek, 1949 No. 10 -p6-7

SO: U-3261 10 April 53 (Leptois 'Zhurnal 'lykh Statey No 11, 1949

LYSENKO, T.D.

36358 Instruktsiya po posevu pole-zashchitnykh lesnykh polos gnezdovym sposobom na 1950 god. (UTV glav. upr. pole-zashchitnogo lesorazuedeniya pri sovete ministrov sssr 18 okt. 1949 G.) Seleksiya i semenovodstvo, 1949, No. 11 S. 7-15

S0: Letopis' Zhurnal' nykh Statey, No. 49, 1949

LYSENKO, Trofim Denisovich

Agriculture

(Teachings of V. R. Vil'iams in agronomics) Moskva, Gos. izd-vo sel'khoz, lit-ry, 1950.

Monthly List of Russian Accessions, Library of Congress, July, 1952. UNCLASSIFIED.

LYSENKO, Trofim Dionisovich, 1898-

Vernalization of summer wheat, barley and oats. Minsk, Gos. izd-vo BSSR, 1950. 19 p.

LYSENKO, T. D.

"I. V. Stalin and Michurin Agrobiology," a speech presented at the General Assembly of the Acad. Sci., 1949.

Vestnik AS USSR 1/50

LYSEMKO, T. D.

"Results of the Work of the V. I. Lenin All-Union Academy of Sciences and the Problems of Agricultural Science," Brookhaven Guide, Vol. 3, No. 9, 1950